



Mr Graham Killick

Kent County Council

Invicta House
Maidstone
Kent
ME14 1XQ

Developer Services - Asset Protection

Your ref
Our ref X2039/1405
Name Alex Birgauan
Phone [REDACTED]
E-Mail alex.birgauan@thameswater.co.uk

7th October 2021

Dear Mr Killick,

RE: Bean Road Tunnel under B225, Greenhithe – Letter of No Further Comments on proposed tunnel construction near Thames Water’s wastewater sewers and clean water mains.

I write to confirm that we have completed the review of your submissions listed below in relation to the proposed development works located adjacent to Thames Water’s wastewater sewers and clean water assets.

Based on the information provided, we are satisfied that the proposed works will pose negligible risk to the Thames Water assets, and therefore we have no further comments to make.

Please notify Thames Water of any changes to the design solution as detailed in the submissions below:

- a) Report ref: BRT-TG-XX-TU-RP-TU-7001 Rev P06 titled “Ground Movement Analysis & Engineering Impact Assessment” produced by Tony Gee dated 15 June 2021;
- b) Report titled “Emergency Preparedness Plan” rev 0.2 produced by Balfour Beatty dated 26 July 2021;
- c) Drawing no. BRT-TG-XX-TU-DR-TU-7401 Rev P02 titled “Instrumentation and Monitoring” produced by Tony Gee dated 11 March 2021.

Based on the information presented in the submission, we have no further comments to your proposed development adjacent to the following Thames Water assets:

- 225 mm VC wastewater sewer
- 450 mm DI raw water main
- 315 mm PVC-O clean water main
- 800 mm DI clean water main
- 355 mm black MDPE clean water main

However, the proposal detailed in the documentation listed above is subject to the following conditions:

- a) Contractor to contact Thames Water to inform when the works have started and finished.
- b) Monitoring is to be undertaken as per the agreed monitoring plan for the duration of the works.

- c) "Real-Time" vibration monitoring is required throughout the demolition and construction phase. The monitoring proposal is to allow for monitor installations as close to the asset alignments as possible, with trigger levels set as follows:
 - a. Amber Trigger – 5mm/s PPV (reportable to Thames Water)
 - b. Red Trigger – 10mm/s PPV (reportable to Thames Water and work stops until risk is mitigated)
- d) The developer shall not place any lifting equipment that will impose point loads greater than the maximum allowable highway loading within the Thames Water asset exclusion zones.
- e) A post-works condition survey is required of all sewers within the 1 mm ground movement contour and is to be shared with Thames Water.

Please be advised that Thames Water will hold **Kent County Council** and any appointed contractors or sub-contractors liable for any losses incurred or damage caused to Thames Water assets arising from the construction and / or subsequent use of the facility.

Yours sincerely,



Alexandru Birgauan
Major Project – Developer Services